Email : sales@scilabexport.com
Phone: +91-7082934803

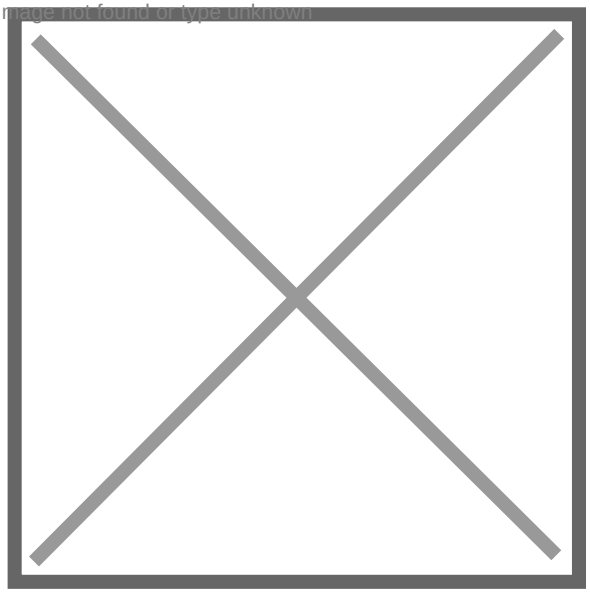
Product Name :

Ammonium Chloride

Product Code :

SCI-165/140

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Science Lab

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Description :

Ammonium Chloride (Product Code: SCI-165/140) is an analytical reagent grade ammoniumsalt (NH_4Cl, historically called sal ammoniac) used to demonstrate sublimation, test forammonium ions and prepare buffer mixtures in chemistry laboratories. Schools and colleges buyit in a 200 g pack that arrives with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside other reagents for salt analysis.

Specifications

Parameter	Detail
Chemical	Ammonium chloride, NH_4Cl
Grade	Analytical reagent
Capacity	200 g
Safety data	MSDS supplied
Shelf life	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-165/140
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ammonium Chloride Used For?

Gently heating the white solid in a dry test tube is the textbook demonstration of apparent sublimation: it dissociates into ammonia and hydrogen chloride, which recombine as a white deposit on the cooler part of the tube. Separating a mixture of ammonium chloride and common salt by this method is a standard class practical.

Warming ammonium chloride with sodium hydroxide releases ammonia, which turns damp red litmus paper blue — the confirmatory test for the ammonium ion. In a school salt analysis scheme it is added with ammonium hydroxide to control conditions for the group precipitation of iron and aluminium hydroxides, and dissolving it in water gives a clear temperature drop, an easy endothermic demonstration. Heat only small amounts, in a ventilated space.

Supplier

Jain Scientific Equipments Private Limited operates under the ScienceLab name and supplies Ammonium Chloride with the acids, alkalis and test papers that an inorganic analysis bench needs. Customers include schools, colleges, dealers and importers in India and international markets. Details of the company are on the ScienceLab profile.

Related Laboratory Equipment

Items used with ammonium chloride in sublimation and ammonium-ion tests: